INTERNATIONAL SEARCH REPORT

Intermenal Application No PCT/JP2004/014700

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 F16J15/32 F16J .2,5,6 F16J15/34 F16J15/48 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) F16J C09K B29C IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched I. luctronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages 1-7 US 2003/189295 A1 (KUSANO HIROO ET AL) P,X 9 October 2003 (2003-10-09) paragraph '0044! claims 1-3,5,8,14,15 figures 1-3 1-3 PATENT ABSTRACTS OF JAPAN Α vol. 2003, no. 03, 5 May 2003 (2003-05-05) & JP 2002 336356 A (HITACHI CABLE LTD), 26 November 2002 (2002-11-26) abstract 1 - 3, 7EP 1 000 975 A (HITACHI CABLE) Α 17 May 2000 (2000-05-17) paragraphs '0005!, '0006!, '0010!. '0011!, '0018! claims 1,7 -/--Patent family members are listed in annex. Further documents are listed in the continuation of box C. Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the A document defining the general state of the art which is not considered to be of particular relevance invention "X" document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to "E" earlier document but published on or after the international filing date involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such document. O document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. other means document published prior to the International filling date but later than the priority date claimed *&* document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 07/01/2005 29 December 2004 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Van Wel, O

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